FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

SIGNALS

1,2,5,6	3,4,7, 8,11,14	9,10, 12,13
R Y G	R Y G	R Y G
12"	12"	12"

SIGNS

15,16,18, 20,21,22 — R 3-5(L) 30" x 36"

23 — R 3-6(L) 30" x 36"

17,19 — Lottsford Road — D 3-2 16" x Var. (Dual Faced Sign)

NOTE: Signal heads 4,8,9,12-14 and Signs 17,19,22,23 are existing.

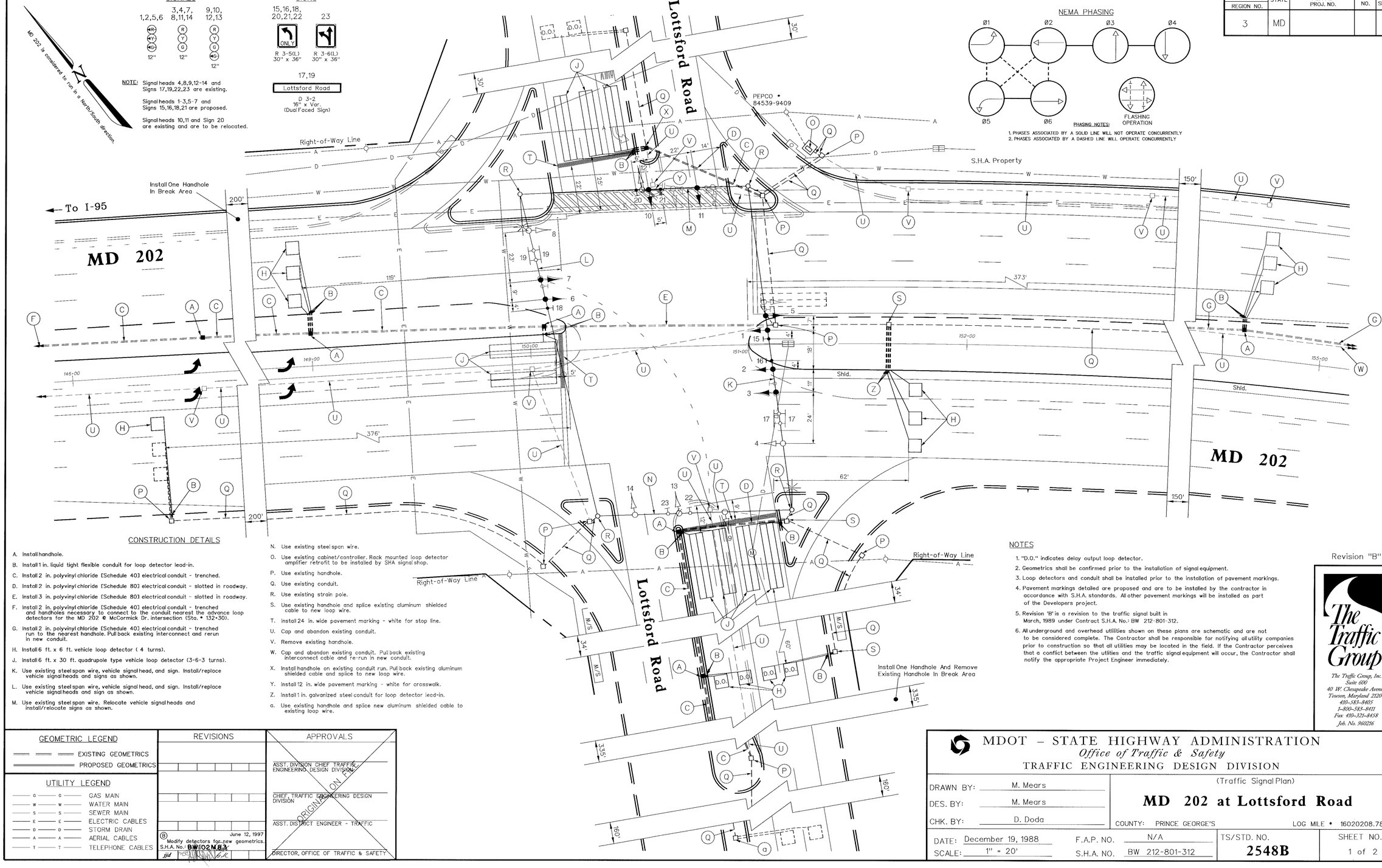
Signal heads 1-3,5-7 and Signs 15,16,18,21 are proposed.

Signal heads 10,11 and Sign 20 are existing and are to be relocated.

MD 202 is considered to run in a North-South direction.

NEMA PHASING

PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. Install handhole.

B. Install 1 in. liquid tight flexible conduit for loop detector lead-in.

C. Install 2 in. polyvinyl chloride (Schedule 40) electrical conduit - trenched.

D. Install 2 in. polyvinyl chloride (Schedule 80) electrical conduit - slotted in roadway.

E. Install 3 in. polyvinyl chloride (Schedule 80) electrical conduit - slotted in roadway.

F. Install 2 in. polyvinyl chloride (Schedule 40) electrical conduit - trenched and handholes necessary to connect to the conduit nearest the advance loop detectors for the MD 202 @ McCormick Dr. intersection (Sta. • 132+30).

G. Install 2 in. polyvinyl chloride (Schedule 40) electrical conduit - trenched run to the nearest handhole. Pull back existing interconnect and rerun in new conduit.

H. Install 6 ft. x 6 ft. vehicle loop detector (4 turns).

J. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).

K. Use existing steel span wire, vehicle signal head, and sign. Install/replace vehicle signal heads and signs as shown.

L. Use existing steel span wire, vehicle signal head, and sign. Install/replace vehicle signal heads and sign as shown.

M. Use existing steel span wire. Relocate vehicle signal heads and install/relocate signs as shown.

N. Use existing steel span wire.

O. Use existing cabinet/controller. Rack mounted loop detector amplifier retrofit to be installed by SHA signal shop.

P. Use existing handhole.

Q. Use existing conduit.

R. Use existing strain pole.

S. Use existing handhole and splice existing aluminum shielded cable to new loop wire.

T. Install 24 in. wide pavement marking - white for stop line.

U. Cap and abandon existing conduit.

V. Remove existing handhole.

W. Cap and abandon existing conduit. Pull back existing interconnect cable and re-run in new conduit.

X. Install handhole on existing conduit run. Pull back existing aluminum shielded cable and splice to new loop wire.

Y. Install 12 in. wide pavement marking - white for crosswalk.

Z. Install 1 in. galvanized steel conduit for loop detector lead-in.

a. Use existing handhole and splice new aluminum shielded cable to existing loop wire.

NOTES

1. "D.O." indicates delay output loop detector.
2. Geometrics shall be confirmed prior to the installation of signal equipment.
3. Loop detectors and conduit shall be installed prior to the installation of pavement markings.
4. Pavement markings detailed are proposed and are to be installed by the contractor in accordance with S.H.A. standards. All other pavement markings will be installed as part of the Developers project.
5. Revision 'B' is a revision to the traffic signal built in March, 1989 under Contract S.H.A. No.: BW 212-801-312.
6. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

Revision "B"

The Traffic Group

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GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

UTILITY LEGEND

G G	GAS MAIN
W W	WATER MAIN
S S	SEWER MAIN
E E	ELECTRIC CABLES
D D	STORM DRAIN
A A	AERIAL CABLES
T T	TELEPHONE CABLES

REVISIONS

B	June 12, 1997	Modify detectors for new geometrics. S.H.A. No.: BW 102 M.S.3

APPROVALS

ASST. DIVISION CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER - TRAFFIC

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

DRAWN BY: M. Mears
DES. BY: M. Mears
CHK. BY: D. Doda

(Traffic Signal Plan)

MD 202 at Lottsford Road

COUNTY: PRINCE GEORGE'S LOG MILE • 16020208.78

DATE: December 19, 1988
SCALE: 1" = 20'

F.A.P. NO. N/A
S.H.A. NO. BW 212-801-312

TS/STD. NO. 2548B

SHEET NO. 1 of 2